

FORM PTO-1449
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Patent and Trademark Office

Attorney Docket No.: NEI-00106

Serial No.: 09/901,949

INFORMATION DISCLOSURE STATEMENT BY APPLICANT
(Use Several Sheets If Necessary)

Applicant: Gary R. McLuen, et al.

Filing Date: July 9, 2001

Group Art Unit: 1764

(37 CFR § 1.98(b))

U.S. PATENT DOCUMENTS

Examiner Initials		Serial / Patent Number	Issue Date	Applicant / Patentee	Class	Subclass	Filing Date	
KS		3,583,230	06/08/71	James A. Patterson	73	422	06/12/68	
KB		3,917,455	11/4/75	Bak et al.	23	253 R	05/10/74	
AC		4,415,732	11/15/83	Caruthers et al.	536	27	03/27/81	
AD		4,458,066	07/03/84	Caruthers et al.	536	27	03/24/81	
AE		4,816,513	03/28/89	Bridgham et al.	525	54.11	05/22/87	
AF		4,837,159	6/6/89	Yamada	436	45	09/17/85	
AG		5,047,524	09/10/91	Andrus et al.	536	27	12/21/88	
AH		5,053,454	10/01/91	Judd	525	54.11	02/15/89	
AI		5,093,268	03/03/92	Leventis et al.	436	172	01/28/91	
AJ		5,096,807	03/17/92	Leaback	435	6	12/01/89	
AK		5,112,736	05/12/92	Caldwell et al.	435	6	06/14/89	
AL		5,132,418	07/21/92	Caruthers et al.	536	27	06/18/84	
AM		5,239,484	08/24/93	Hayashi et al.	364	500	10/13/92	
AN		5,262,530	11/16/93	Andrus et al.	536	25.31	07/27/90	
AO		5,297,288	03/22/94	Hemminger et al.	395	700	06/10/92	
AP		5,324,483	06/28/94	Cody et al.	422	131	02/02/93	
AQ		5,356,776	10/18/94	Kambara et al.	435	6	09/09/92	
AR		5,380,495	01/10/95	Chang et al.	422	131	08/27/93	
AS		5,395,594	03/07/95	Nokihara et al.	422	135	08/24/92	
AT		5,427,930	06/27/95	Birkenmeyer et al.	435	91.52	06/28/91	
AU		5,437,979	08/01/95	Rampal et al.	435	6	08/24/92	
AV		5,453,247	09/26/95	Beavis et al.	422	68.1	11/23/93	
AW		5,468,606	11/21/95	Bogart et al.	435	5	07/31/92	
AX		5,472,672	12/05/95	Brennan	422	131	10/22/93	
AY		5,503,805	04/02/96	Sugarman et al.	422	131	11/02/93	
AZ		5,510,270	04/23/96	Fodor et al.	436	518	9/30/92	
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BD		5,545,531	08/13/96	Rava et al.	435	6	6/07/95	
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BF		5,563,033	10/08/96	Lawrence et al.	435	6	09/26/93	
BG		5,571,639	11/05/96	Hubbell et al.	430		05/24/94	
BH		5,593,839	01/14/97	Hubbell et al.	435		06/02/95	
BI		5,597,694	01/28/97	Munroe et al.	435		10/07/93	
KS		BJ	5,605,662	02/25/97	Heller et al.	422	68.1	11/07/93

Examiner:

T. J. H. H.

Date Considered: 2/11/04

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Examiner Initials	Serial / Patent Number	Issue Date	Applicant / Patentee	Class	Subclass	Filing Date
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KS	5,633,365	05/27/97	Stokke et al.	536	24.31	04/28/95
KS	5,639,428	06/17/97	Cottingham	422	112	07/19/94
KS	5,645,114	07/08/97	Bogen et al.	141	145	05/31/94
KS	5,645,801	07/08/97	Bouma et al.	422	68.1	08/18/95
KS	5,653,939	08/05/97	Hollis et al.	422	50	08/07/95
KS	5,690,894	11/25/97	Pinkel et al.	422	68.1	05/23/95
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KS	5,744,305	04/28/98	Fodor et al.	435	6	06/06/95
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		Document Number	Publication Date	Country / Patent Office	Class	Subclass	Translation	
							Yes	No
KS	BX	WO 91/13084	09/05/91	PCT	C07K	1/04		X
KS	BY	WO 98/10857	03/19/98	PCT	B01J	19/00		X
KS	BZ	WO 98/36829	08/27/98	PCT	B01J	19/00		X
KS	CA	WO 98/39099	09/11/98	PCT	B01J	3/00		X
KS	CB	WO 98/57181	12/17/98	PCT	G01N	35/10		X
KS	CC	DE 196 42 777 A1	05/28/98	DE	B01J	19/00		X
KS	CD	DE 297 19 919 U1	05/12/99	DE	B01J	19/00		X
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KS	CH	Robert L. Letsinger and V. Mahadevan, "Stepwise Synthesis of Oligodeoxyribonucleotides on an Insoluble Polymer Support," JAm Chem Soc, Vol. 88:22, pages 5319-5324, November 20, 1966
KS	CI	VICI "Injectors and Switching Valves" Valco Instruments Co, Inc. Valco International, December 12, 1999, p. 1-2
KS	CJ	Valve Handbook by Philip L. Skousen, McGraw-Hill, 1997, pages 58-60

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	AC						
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	AE						
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	AJ						
	AK						
	AL						

FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

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							Yes	No
KS	AK	14149/76	11/24/77	Australia	F161L	001/14		
KS	AL	1,143,849	10/04/57	France	E 03b	E 03d		X
KS	AM	WO 98/57181	12/17/98	WIPO	G01N	35/10		
KS	AN	WO 99/65602	12/23/99	WIPO	B01J	19/00		
	AO							

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	AY	
	AZ	

Examiner:

Ally Stone

Date Considered:

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